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**UEDA KOTARO****(54) CONNECTING STRUCTURE FOR CORRUGATING PIPE**

(57) Abstract:

**PURPOSE:** To facilitate the installation, and prevent the leakage, and improve the profitability by mounting sealing materials in connecting parts of both corrugated pipes, and fitting projecting guides and stoppers in valley parts to be fixed, and pressure-weld-covering tube ends abutting to each other with a coupler.

**CONSTITUTION:** A stopper 5 covered with the water expansibility rubber and having a sectional area as same as a valley part 2 and a length as same as a joint part is formed in one end of a long size band plate 3. Next, the band plate 3 is formed in a ring large enough to surround over a mountain part 1 by jointing one side of one end of the band plate 3 and the other side of the other end so that a projecting guide 4 and the stopper 5 are positioned inside of the ring. Beads 6 made of the water expansibility rubber and having the semicircle sectional area are formed in both ends of the band plate 3 so that the both ends of the band plate 3 are thicker than the middle part. Next, a plate material 7 made of metal or synthetic resin and having a smooth surface is bent to form a coupler C for pressure-weld-covering over a connected part of both corrugated pipes A mounting

sealing materials and connected to be adjacent. Fixing flanges 9 having fixing holes 8 are formed in both ends of the coupler to be fastened with fixtures 10 to be fixed.

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